

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E30841

**Employer :** Liberty Mutual

**Worksite :** Liberty Lake

**Street :** 22425 E Appleway Ave

**Jurisdiction :** City of Liberty Lake

**Survey Date :** 10/28/2015

**Survey Type :** Online

**Response Rate :** 70%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 76.8%

**Reported Total Employees at Worksite:** 1,110

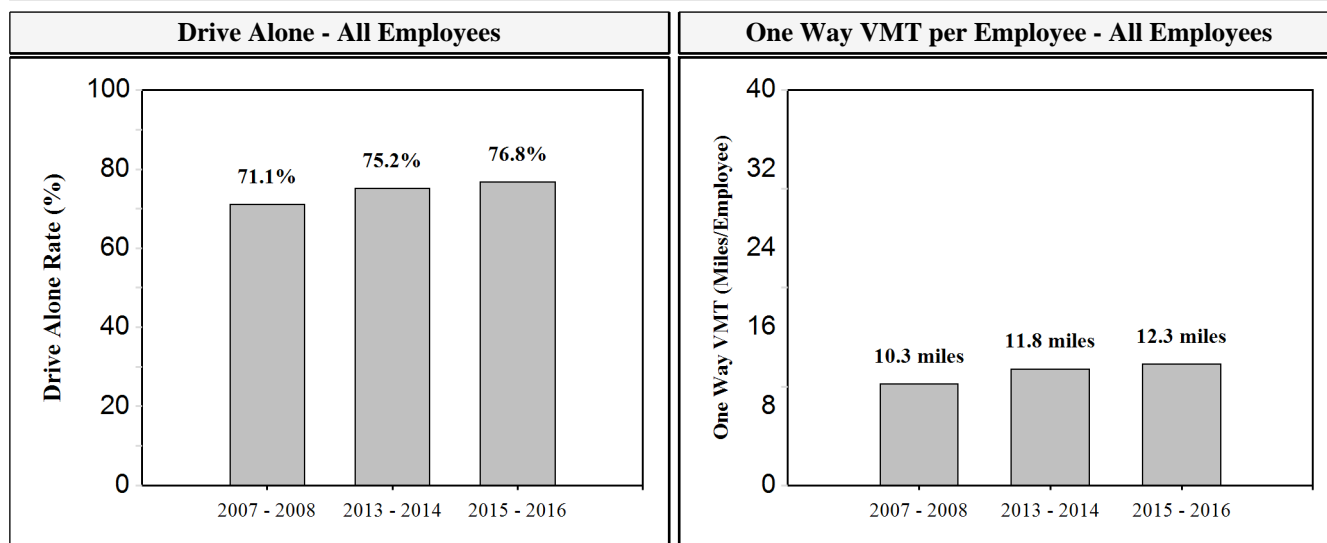
**Surveys Distributed :** 921

**One-Way VMT per employee :** 12.3

**Surveys Returned :** 648

**Surveys Returned by CTR Affected Employees :** 564

**Total Estimated CTR - Affected Employees at Worksite :** 802



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	71.1%	69.6%	10.3	10.0
2009 - 2010	68.3%	65.9%	10.1	9.8
2011 - 2012	72.1%	69.8%	11.4	11.2
2013 - 2014	75.2%	74.2%	11.8	11.7
2015 - 2016	76.8%	75.3%	12.3	12.0
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	8.0%	8.2%	19.4%	20.0%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	71.1%	75.2%	76.8%
Drive Alone - CTR Affected Employees*	69.6%	74.2%	75.3%
VMT/Employee - All Employees	10.3	11.8	12.3
VMT/Employees - CTR Affected Employees	10.0	11.7	12.0

\* Drive alone rate includes one person motorcycles.

**Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.**

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	1,306	1,452	1,616
Estimated Emissions for Total Employment	1,370	2,031	2,768

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	47,823	36,792	59,954
Bus Annual Passenger Miles - Surveyed Employees	45,600	26,300	35,000
Ferry Annual Passenger Miles - Estimated for Total Employment	0	12,730	0
Ferry Annual Passenger Miles - Surveyed Employees	0	9,100	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	0	0

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

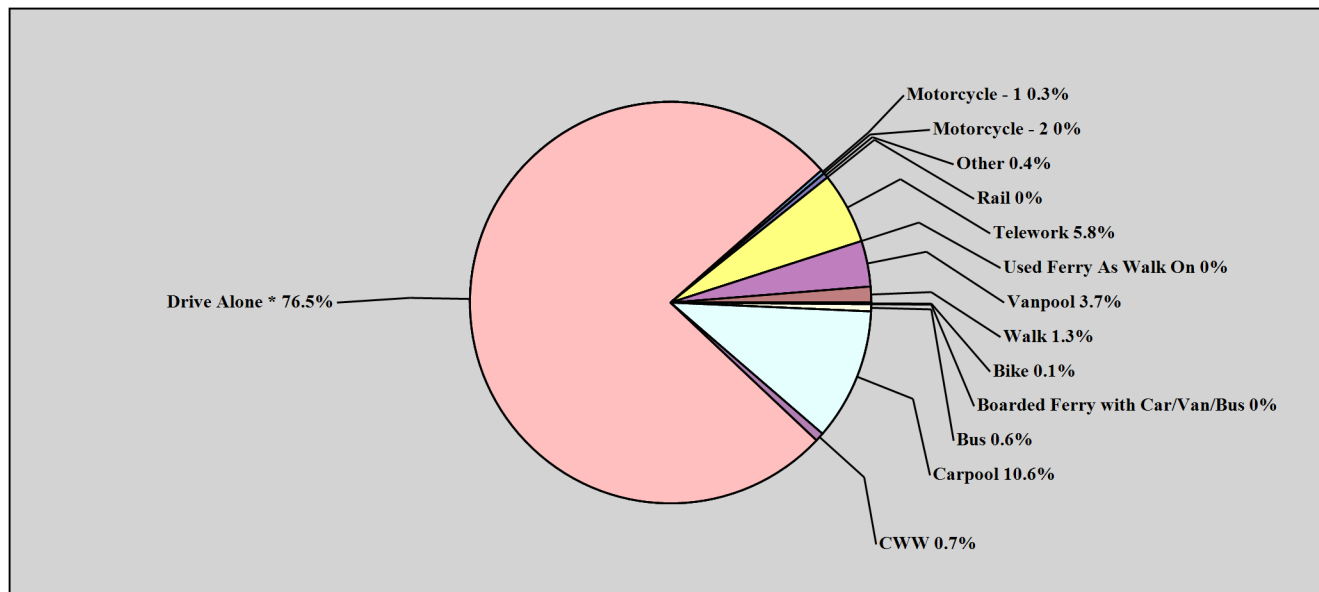
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 14.4 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



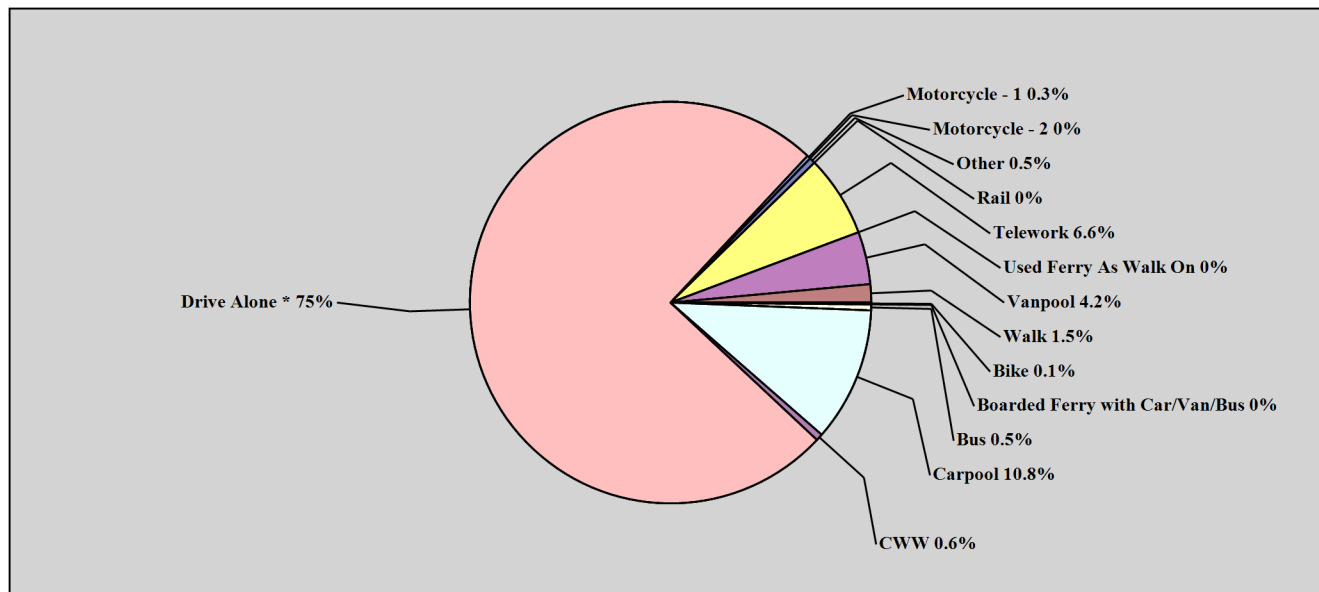
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,391	76.5%	74.4%	530	81.8%	81.4%
Carpool	332	10.6%	15.7%	84	13.0%	18.5%
Vanpool	115	3.7%	4.3%	28	4.3%	4.7%
Motorcycle - 1	10	0.3%	0.8%	3	0.5%	1.1%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.2%
Bus	18	0.6%	0.5%	4	0.6%	0.5%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	4	0.1%	0.3%	2	0.3%	1.1%
Walk	40	1.3%	0.2%	10	1.5%	0.4%
Telework	180	5.8%	1.3%	74	11.4%	3.3%
CWW	22	0.7%	1.6%	16	2.5%	2.6%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.5%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	0.4%	0.7%	3	0.5%	1.6%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	2,040	75.0%	73.5%	454	80.5%	80.9%
Carpool	294	10.8%	16.3%	74	13.1%	19.5%
Vanpool	115	4.2%	4.9%	28	5.0%	5.4%
Motorcycle - 1	8	0.3%	0.7%	2	0.4%	1.0%
Motorcycle - 2	0	0.0%	0.1%	0	0.0%	0.2%
Bus	13	0.5%	0.6%	3	0.5%	0.6%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	4	0.1%	0.2%	2	0.4%	1.0%
Walk	40	1.5%	0.2%	10	1.8%	0.4%
Telework	179	6.6%	1.4%	73	12.9%	3.6%
CWW	15	0.6%	1.1%	13	2.3%	1.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.6%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	13	0.5%	0.7%	3	0.5%	1.6%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	442	68%	648	100%
1 Days	38	6%	206	32%
2 Days	31	5%	168	26%
3 Days	20	3%	137	21%
4 Days	27	4%	117	18%
5 Days	86	13%	90	14%
6 or More Days	4	1%	4	1%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	343	58.1%	80	13.6%	4	0.7%	60	10.2%	0	0%	24	4.1%	8	1.4%	3	0.5%	126	21.4%
4 days a week (4/10s)	0	0%	32	82.1%	0	0%	5	12.8%	0	0%	0	0%	0	0%	0	0%	7	17.9%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	3	50%	2	33.3%	0	0%	1	16.7%	0	0%	0	0%	0	0%	0	0%	1	16.7%
7 days in 2 weeks	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	1	100%
Other	2	22.2%	2	22.2%	0	0%	2	22.2%	0	0%	0	0%	0	0%	0	0%	2	22.2%

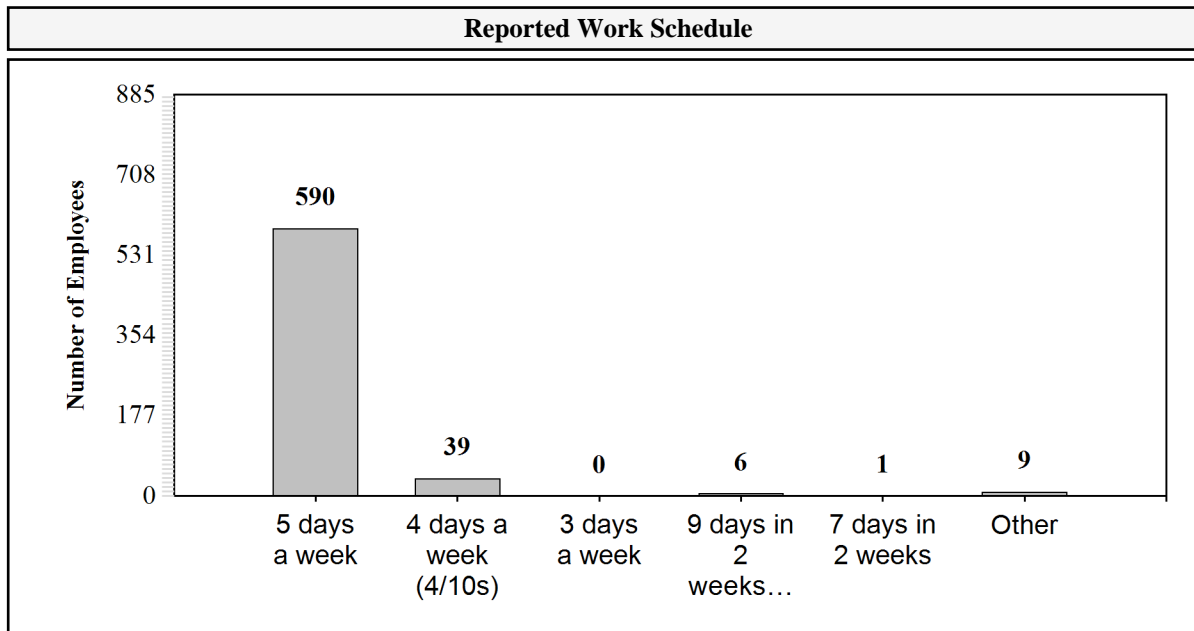
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	10
2	Motorcycle	0
2	Carpool	307
3	Carpool	24
4	Carpool	0
5	Carpool	1
>5	Carpool	0
<5	Vanpool	6
5	Vanpool	6
6	Vanpool	15
7	Vanpool	15
8	Vanpool	21
9	Vanpool	23
10	Vanpool	19
11	Vanpool	5
12	Vanpool	5
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

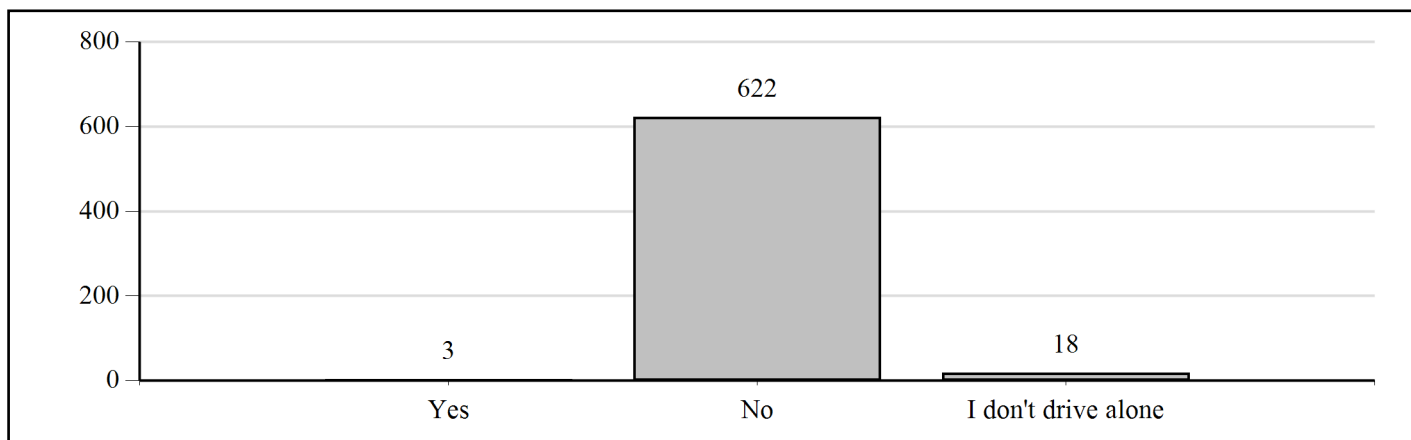
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	590	91.5%
4 days a week (4/10s)	39	6%
3 days a week	0	0%
9 days in 2 weeks (9/80)	6	0.9%
7 days in 2 weeks	1	0.2%
Other	9	1.4%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	7	1.1%
I don't telework	455	70.2%
Occasionally, on an as-needed basis	66	10.2%
1-2 days/month	40	6.2%
1 day/week	38	5.9%
2 days/week	18	2.8%
3 days/week	24	3.7%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	231	21.8%
Other	137	12.9%
Financial incentives for carpooling, bicycling or walking.	122	11.5%
I have the option of teleworking	116	11.0%
Environmental and community benefits	99	9.3%
Personal health or well-being	85	8.0%
Preferred/reserved carpool/vanpool parking is provided	83	7.8%
Driving myself is not an option	49	4.6%
Emergency ride home is provided	46	4.3%
Free or subsidized bus, train, vanpool pass or fare benefit	42	4.0%
Cost of parking or lack of parking	24	2.3%
To save time using the HOV lane	17	1.6%
I receive a financial incentive for giving up my parking space	8	0.8%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
I like the convenience of having my car	439	30.1%
Riding the bus or train is inconvenient or takes too long	282	19.3%
Family care or similar obligations	265	18.2%
My commute distance is too short	183	12.6%
Other	154	10.6%
I need more information on alternative modes	50	3.4%
Bicycling or walking isn't safe	43	2.9%
My job requires me to use my car for work	31	2.1%
There isn't any secure or covered bicycle parking	11	0.8%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	0	0	0	0	0	0	7
2	1	0	0	0	0	0	1	0	0	0
3	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	5
6	2	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	0	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	7	0	0	0	0	0	1	0	0	15
Total One-Way Transit Trips Per Week	34	0	0	0	0	0	2	0	0	48

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	0	0	0	0	0	0	4
2	1	0	0	0	0	0	1	0	0	0
3	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	5
6	1	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	1	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	0	0	0	0	0	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	6	0	0	0	0	0	1	0	0	12
Total One-Way Transit Trips Per Week	28	0	0	0	0	0	2	0	0	45

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
00000	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
83801	4	0.62%	14	0	0	0	0	0	0	0	4	0	0	0	0
83814	9	1.39%	37	9	0	0	0	0	0	0	0	0	0	0	0
83815	23	3.55%	95	13	0	0	0	0	0	0	9	0	0	0	0
83835	20	3.09%	93	6	0	0	0	0	0	0	0	1	0	0	0
83842	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
83846	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
83854	68	10.49%	252	59	0	0	0	0	3	0	12	1	0	0	0
83858	3	0.46%	15	0	0	0	0	0	0	0	0	0	0	0	0
83868	1	0.15%	0	5	0	0	0	0	0	0	0	0	0	0	0
83869	3	0.46%	15	0	0	0	0	0	0	0	0	0	0	0	0
98003	1	0.15%	0	0	0	0	0	0	0	6	0	0	0	0	0
98626	1	0.15%	0	0	0	0	0	0	0	0	5	0	0	0	0
98908	1	0.15%	0	0	0	0	0	0	0	0	5	0	0	0	0
99001	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
99003	3	0.46%	10	1	3	0	0	0	0	0	0	0	0	0	0
99004	9	1.39%	30	10	0	0	0	0	0	5	0	0	0	0	0
99005	4	0.62%	10	0	10	0	0	0	0	0	0	0	0	0	0
99006	1	0.15%	3	0	2	0	0	0	0	0	0	0	0	0	0
99012	1	0.15%	1	4	0	0	0	0	0	0	0	0	0	0	0
99016	44	6.79%	182	20	0	5	0	0	0	0	10	0	0	0	0
99019	54	8.33%	188	30	0	0	0	0	0	27	15	2	0	0	5
99021	1	0.15%	2	0	3	0	0	0	0	0	0	0	0	0	0
99022	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
99023	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0



99025	12	1.85%	45	8	0	0	0	0	0	0	0	1	0	0	3
99026	5	0.77%	20	5	0	0	0	0	0	0	0	3	0	0	0
99027	11	1.70%	41	1	0	0	0	0	0	0	12	0	0	0	0
99031	2	0.31%	7	3	0	0	0	0	0	0	0	0	0	0	0
99036	2	0.31%	10	0	0	0	0	0	0	0	0	0	0	0	0
99037	43	6.64%	169	18	0	3	0	0	0	0	5	1	0	0	0
99039	1	0.15%	4	0	0	0	0	0	0	0	0	0	0	0	0
99122	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
99148	1	0.15%	0	0	5	0	0	0	0	0	0	0	0	0	0
99156	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
99201	10	1.54%	44	6	0	0	0	0	0	0	0	0	0	0	0
99202	9	1.39%	27	5	10	0	0	0	0	0	0	0	0	0	0
99203	13	2.01%	46	4	0	0	0	0	0	0	8	0	0	0	0
99204	3	0.46%	15	0	0	0	0	0	0	0	0	0	0	0	0
99205	27	4.17%	103	8	13	2	0	0	0	0	0	2	0	0	0
99206	64	9.88%	254	25	15	0	5	0	0	0	5	3	0	0	5
99207	9	1.39%	35	0	0	0	3	0	0	0	0	0	0	0	0
99208	41	6.33%	86	30	43	0	6	0	0	2	35	4	0	0	0
99212	19	2.93%	57	22	5	0	0	0	0	0	8	1	0	0	0
99214	1	0.15%	5	0	0	0	0	0	0	0	0	0	0	0	0
99216	54	8.33%	208	27	0	0	0	0	1	0	9	0	0	0	0
99217	19	2.93%	74	5	5	0	0	0	0	0	10	2	0	0	0
99218	4	0.62%	7	5	0	0	0	0	0	0	6	0	0	0	0
99223	23	3.55%	89	2	0	0	0	0	0	0	15	1	0	0	0
99224	11	1.70%	39	1	1	0	4	0	0	0	2	0	0	0	0
99403	2	0.31%	5	0	0	0	0	0	0	0	5	0	0	0	0